

On page 4, in line 17, before "frame" insert --a--.

On page 5, after line 15, insert --

BRIEF DESCRIPTION OF THE DRAWINGS--;

in lines 17 and 18, "The individual Figures of the drawing show:";

5 in line 19, after "Fig. 1" insert --is a diagram of--;

in line 20, after "Fig. 2" insert --is a diagram of--;

after line 21, insert --

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--;

and

10 in line 24, change "8,9," to --8 and 9,--; and

in line 29, after "cell" insert --4--.

On page 6, in line 4, change "5, 6" to --5 and 6--.

On page 14, after line 5, add the following new paragraph --

Although other modifications and changes may be suggested by those
15 skilled in the art, it is the intention of the inventors to embody within the patent
warranted hereon all changes and modifications as reasonably and properly come
within the scope of their contribution to the art.--.

IN THE CLAIMS

On substitute page 15, line 1, change "Patent Claims" to --We Claim:--.

20 Amend claim 1 as follows:

1. (Amended) A method [Method] for removing ATM cells [(2, 6)] from
an ATM communications device wherein ATM cells [(2, 3, 5, 6)] are respectively
allocated in pluralities to a common frame [(8, 9)], [whereby] all ATM cells

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[(2...6)] of a frame [(9)] whose first ATM cell [(2)] is in a [the] waiting list [(1)] are removed from a waiting list [(1)] for [the] administration of a sequence of ATM cells [(2, 3, 4, 5, 6)], comprising the steps of: [characterized in that] storing a frame start identifier [is stored] that identifies the ATM cell [(4)] in the waiting list [(1)] that immediately precedes the first ATM cell [(2)] of the frame; and [in that] calling the frame start identifier [is called] before [the] removal of the ATM cell [(2) or, respectively, of the ATM cells (2, 6)] of the frame [(9)].

2.(Amended) A method [Method] according to claim 1, wherein [characterized in that] the frame [(9)] is the frame beginning farthest toward a [the] back in the waiting list [(1)].

3.(Amended) A method [Method] according to claim 1 [or 2], further comprising the step of: [characterized in that] removing following ATM cells [(3, 7)] of the frame [(9)] up to and including a [the] last ATM cell [(3)] of the frame [(9)] are removed] upon arrival or following arrival at the waiting list [(1)].

4.(Amended) A method [Method] according to claim 1, further comprising the step of: [one of the preceding claims, characterized in that,] when the first ATM cell of the frame is immediately preceded by a last ATM cell of a different frame, referencing said last ATM cell by the frame start identifier [references this ATM cell].

5.(Amended) A method [Method] according to claim 1, further comprising the step of: [one of the preceding claims, characterized in that,]

when the first ATM cell [(2)] of the frame [(9)] is immediately preceded by an individual ATM cell [(4)] not allocated to a frame, [particularly an OAM cell or a RM cell,] referencing said individual ATM cell by the frame start identifier [references this ATM cell (4)].

5 6.(Amended) A method for removing ATM cells from an ATM communications device wherein ATM cells are respectively allocated in pluralities to a common frame, all ATM cells of a frame whose first ATM cell is in a waiting list are removed from a waiting list for administration of a sequence of ATM cells, comprising the steps of: [Method according to one of the claims 1
10 through 5, characterized in that,]

when the first ATM cell of the frame is followed in the waiting list by an individual ATM cell not allocated to any frame, [particularly an OAM cell or ARM cell,] storing a predetermined inhibit value [is stored instead of the frame start identifier,] so that the ATM cells of the frame cannot be
15 removed from the waiting list.

7.(Amended) A method [Method] according to claim 6, wherein [characterized in that] the predetermined inhibit value is stored at least one of upon arrival of the individual ATM cell at the waiting list and [/or] when the individual ATM [this] cell is added to the waiting list.

20 8.(Amended) A method [Method] according to claim [one of the claims] 1 [through 7], [characterized in that] performing a check [is carried out] at or following [the] attaching of an arrived ATM cell to an [the] end of the waiting list to see whether the arrived ATM cell is [a matter of] a last cell of a frame; and [in that,]

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